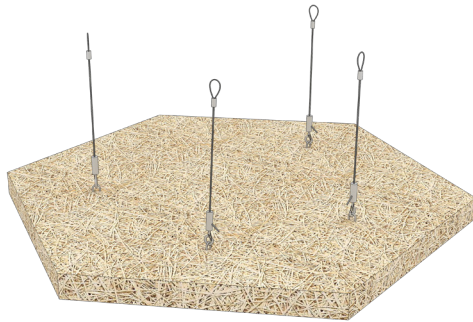
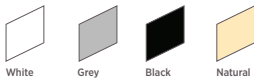


# SKYNEST®

## WOOD WOOL CANOPIES

VISIT [USGME.COM](http://USGME.COM) TO ORDER SAMPLES

### FINISH OPTIONS



### FEATURES & BENEFITS

- Skynest® acoustic canopies are a durable and environmentally friendly material made of top-quality wood wool and cement.
- Certified for FSC and the Programme for the Endorsement of Forest Certification (PEFC).
- This product offers the widest variety of design solutions by combining fire safety with good acoustic and heat insulation properties.
- Can achieve various required sound absorption parameters. The extended sound absorption coefficient can reach up to 1.0 NRC with insulation.
- It not only provides sound insulation but also absorbs excess moisture in rooms. Does not change shape or warp in high-humidity rooms.
- They feature endless shapes, system configurations, and layouts, allowing designers to have freedom in design.

### APPLICATIONS

- Public and office premises
- Recording studios, radio and TV studios
- Schools and kindergartens
- Concert halls, theaters, cinemas
- Industrial and production premises
- Restaurants

### SOUND ABSORPTION

Frequency, Hz	125	250	500	1000	2000	4000	NRC*
25mm	0.60	<b>0.60</b>	<b>0.55</b>	<b>0.65</b>	<b>0.85</b>	0.95	<b>0.65</b>

\* Calculated to ASTM C 423-01

### SUSPENSION SYSTEM

It consists of a stainless-steel screw eye hook dropping from the soffit that is fixed on the tiles through helicoidal rotation. Screw hook accessories are adjustable to suit different plenum heights. The Screw hook is designed to safely hold the tile weight of a floated ceiling.

#### Materials Classification

Stainless Steel 1.5mm screw diameter with breaking force of 2.10 KN with eye diameter of 12mm and total height of 40mm.

#### Product Specs

Suspension Rope with Cable Gripper & Hook 1.5mm wire diameter.

#### ASTM & Code Standards

Stainless Steel Wire: ASTM A 580/A 580M, Type 304, nonmagnetic. Design load requirements as per ASTM C635.

# SKYNEST®

## WOOD WOOL CANOPIES



### SPECIFICATION DETAILS

Skyne® Wood Wool Acoustical Ceiling meets the specifications in accordance with EN 13964.

#### Material Classification

Type E, Form E1, E3, Pattern L

#### Benefits

The panels are suitable for use in premises with a wide range of temperatures and air humidity and provide pleasing value. With original surface texture, there is an unlimited choice of colors. Due to the natural ingredients, the panels ensure a comfortable micro-climate, typical of premises constructed from wood.

#### Substrate and Surface Finish

Wood Wool substrate finished with factory applied paint finish

#### Wood Wool

1mm, 1.5mm, 3mm\*

#### Panel Thickness

25mm

#### Edge Detail Trim

Square blade

#### Weight

1mm Wood Wool:

25mm: 10.5 kg/m<sup>2</sup>

1.5mm Wood Wool:

25mm: 9.8 kg/m<sup>2</sup>

#### Noise Reduction Coefficient [NRC]

[0.60] [0.65] [1.0]

#### Color

Natural, white, black, grey, or painted according to RAL color chart.

#### Reaction to Fire as per EN 13501-1

1mm Wood Wool: A2-s1, d0

1.5mm Wood Wool: B-s1, d0

#### Thermal conductivity

$\lambda = 0.066$  W/mK

#### Maintenance

Can be cleaned easily with a soft brush or vacuum. To clean panel, use a clean, white cloth with warm water and wipe surface

#### Additional Information

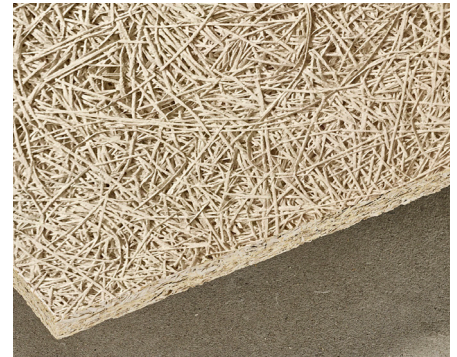
- USG Middle East's Skyne® Wood Wool Canopies are flat. However, they will exhibit an inherent deflection, which may be more apparent as the proximity to adjacent surfaces is reduced. This deflection should be no more than 5mm. Local environmental conditions may increase this variance.
- Panels must be ordered in multiples of two.
- Take care to minimize movement due to airflow within a space.
- Available in different shapes & configurations.



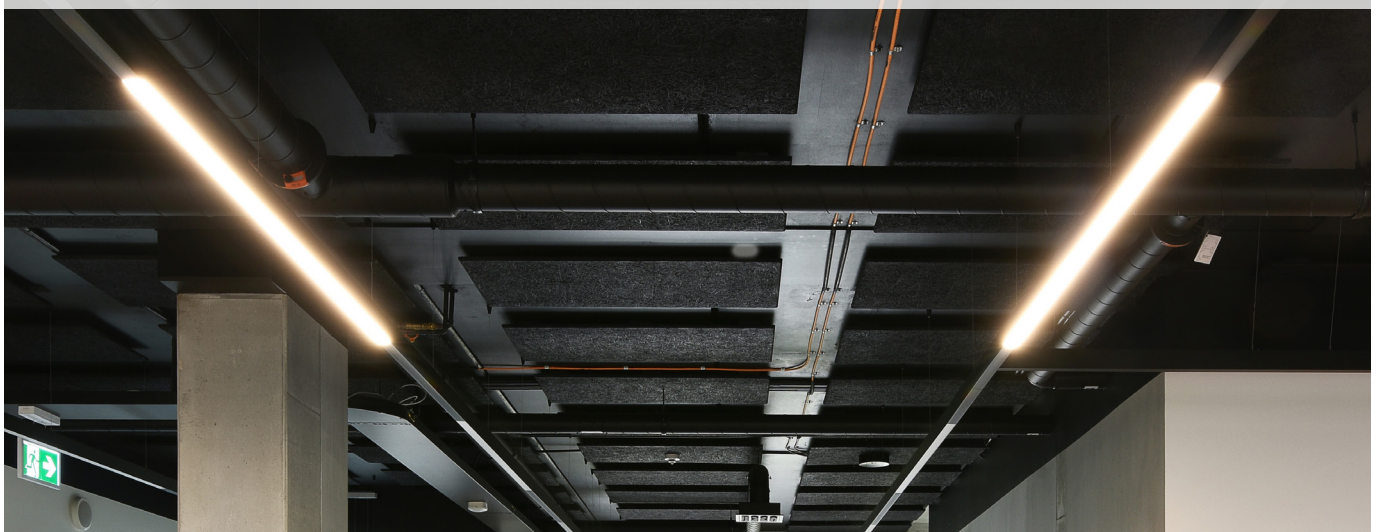
Superfine  
1 mm Wood Wool Strand Width



Fine  
1.5 mm Wood Wool Strand Width



Regular  
3 mm Wood Wool Strand Width





# SKYNEST®

## WOOD WOOL CANOPIES



### SYSTEMS CONFIGURATIONS\*

Square	Parallelogram	Rectangle
Trapezoid	Hexagon	Triangle
Concave	Convex	Circle
Trapezoid		

\* Maximum width is 600mm. Refer to USG Middle East technical team for size limitation and suspension accessories. Other configurations are available upon request.

**Notice:** As we are involved in constant products development; this document information is subject to change without prior notice. Please always refer to [usgme.com](http://usgme.com) for the updated products information document.  
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